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TRANSMITTAL

(Only for new nonprovisional applications under 37

CFR 1.53(b))

Attorney Docket No. 1400.4100353

Total Pages 30

First Inventor or Application Identifier Wallace, et al.

Title INTEGRATED METALLIC ACCESS FOR HIGP PORT DENSITY DSLAM

Express Mail Label No. EL454269825US

		20
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents	8.5 8.0
See MPEP chapter 600 concerning utility patent application	Box Patent Application	99
contents.	Washington, DC 20231	g
1. E Fee Transmittal Form	5. Microfiche Computer Program (Appendix)	-
(Submit an original, and a duplicate for fee processing)	6. Nucleotide and/or Amino Acid Sequence	
2. Specification Total Pages 20	Submission (if applicable, all necessary)	
(preferred arrangement set forth below)	a. Computer Readable Copy	
- Descriptive title of the Invention	— : • • • • • • • • • • • • • • • • • •	
- Cross References to Related Applications	b. Paper Copy (identical to computer copy)	
- Statement Regarding Fed sponsored R & D	c. Statement verifying identity of above copies	
- Reference to Microfiche Appendix	•	
- Background of the Invention	ACCOMPANYING APPLICATION PARTS	S
- Brief Summary of the Invention	7. Assignment Papers (cover sheet & document(s))	_
- Brief Description of the Drawings (if filed)	8. 37 CFR 3.73(b) Statement Power of	
- Detailed Description		
- Claim(s) - Abstract of the Disclosure	(when there is an assignee) Attorney	
	9. English Translation Document (if applicable)	
3. Drawings (35 USC 113) Total Sheets 7	10. Information Disclosure Copies of	
4. Oath or Declaration Total Pages 2	Statement (IDS)/PTO-1449 IDS Citations	
 a. Newly executed (original or copy) 	11. Preliminary Amendment	
b. Copy from a prior application	12. Return Receipt Postcard (MPEP 503)	
(37 CFR 1.63(d))	(Should be specifically itemized)	
(for continuation/divisional with Box 16 completed)	13. Small Entity Statement filed in Prior	
	Statement(s) Application, Status still proper	
i. DELETION OF INVENTOR(S)	and desired.	1
Signed statement attached deleting	14. Certified Copy of Priority Document(s)	
inventor(s) named in the prior application,	(if foreign priority is claimed)	
see 37 CFR 1.63(d)(2) and 1.33(b).		
	15. Other	
supplied under Box 4B, is considered a part of the disclosure of the incorporated by reference. The incorporation can only be relied up application parts.		I
115 Wild Basir Austin, T	& Associates, Inc. n Road, Suite 107 lexas 78746	
Telephone: 512-347-9223	Facsimile: 512-347-9224	
Name and Registration Number (Print/Type) Ross D. Snyde	er, Reg. No. 37,730	
Signature Ross D. Sny	La Date 23 October 200	00
· · · · · · · · · · · · · · · · · · ·		

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

METHOD OF PAYMENT (check one)

marries or intimate (chock one)			
1. The Commissioner is hereby authorized to			
charge indicated fe	es and credit any over payments to:		
Deposit Account Number 50-1566			
Deposit Account	Ross D. Snyder &		
Name	, -		
	Associates, Inc.		
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the mailing of the Notice of Allowance 2. Payment Enclosed: Check Money Order Other			

FEE CALCULATION

1. FILING FEE

Fee	Fee	Small Fee Code	Fee	Fee Descriptio n	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	4900	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$) 710.00

2. CLAIMS

Claims	Extra	Fee from below	Fee Paid
Total 23	(·20 =)	18.00	54.00
Indep. 2	(· 3 =)		
Multiple Dep.			

Large Fee Code	Fee	Small I Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 54.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Wallace, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	1400.4100353

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Entity		Entity	Fee Description	Fee Paid
130	205	65	Surcharge - late filing fee or oath	
50	227	25	Surcharge - late provisional filing	
100	400	100		
			•	
2,520	147	2,520	For filing a request for reexamination	
920*	112	920*	Requesting publication of SIR prior to Examiner action	
1,840*	113	1,840*	Requesting publication of SIR after	
110	215	55	Extension for reply within first	
390	216	195	Extension for reply within second	
000	04~	115	month	
890	217	445	Extension for reply within third month	
1,390	218	645	Extension for reply within fourth	
1,890	228	945	Extension for reply within fifth	
310	219	155	Notice of Appeal	
310	220	1550	Filing a brief in support of an	
270	221	135	Request for oral hearing	
1,510	138	1,510	Petition to institute a public use	
110	240	55	Petition to revive - unavoidable	
1,240	241	620	Petition to revive - unintentional	
1,240	242	620	Utility issue fee (or reissue)	
440	243	220	Design issue fee	
600	244	300	Plant issue fee	
130	122	130	Petitions to the Commissioner	
50	123	50	Petitions related to provisional applications	
240	126	240	Submission of Information	
40	581	40	Recording each patent assignment per property (times number of	
710	246	355	Filing a submission after final	
710	249	355	For each additional invention to be	
fee			1	
fee				Ī
	Fee (\$) 130 50 130 2,520 920* 1,840* 110 390 890 1,390 1,890 310 310 270 1,510 1,240 440 600 130 50 240 40 710 fee ify)	Fee (\$) Fee Code 130 205 50 227 130 139 2,520 147 920° 112 1,840° 113 110 215 390 216 890 217 1,390 218 1,890 228 310 219 310 220 270 221 1,510 138 110 240 1,240 241 1,240 242 440 243 600 244 130 122 50 123 240 126 40 581 710 249 fee ify)	Fee (\$) Fee Code Fee (\$) 130 205 65 50 227 25 130 139 130 2,520 147 2,520 920* 112 920* 1,840* 113 1,840* 110 215 55 390 216 195 890 217 445 1,390 228 945 310 219 155 310 220 1550 270 221 135 1,510 138 1,510 110 240 55 1,240 241 620 440 243 220 600 244 300 130 122 130 50 123 50 240 126 240 40 581 40 710 249 355 fee iiy)	Fee (\$) Code (\$) 130 205 65 Surcharge - late filing fee or oath 50 227 25 Surcharge - late provisional filing fee or cover sheet. 130 139 130 Non-English specification 2,520 147 2,520 For filing a request for reexamination 1,840* 113 1,840* Requesting publication of SIR prior to Examiner action 1,840* 113 1,840* Requesting publication of SIR after Examiner action 110 215 55 Extension for reply within first month 390 216 195 Extension for reply within second month 890 217 445 Extension for reply within third month 1,390 218 645 Extension for reply within firth month 1,890 228 945 Extension for reply within firth month 1,890 228 945 Extension for reply within fifth month 310 219 155 Notice of Appeal 310 220 1550 Filing a brief in support of an appeal 270 221 135 Request for oral hearing 1,510 138 1,510 Petition to institute a public use proceeding 110 240 55 Petition to revive - unavoidable 1,240 241 620 Petition to revive - unintentional 1,240 242 620 Utility issue fee (or reissue) 440 243 220 Design issue fee 600 244 300 Plant issue fee 130 122 130 Petitions to the Commissioner 50 123 50 Petitions related to provisional applications 240 126 240 Submission of Information Disclosure Stmt 40 581 40 Recording each patent assignment per property (times number of properties) 710 246 355 Filing a submission after final rejection (37 CFR 1.129(a)) For each additional invention to be examined (37 CFR 1.129(b))

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) __

SUBMITTED BY ROSS D. SNYDER & ASSOCIATES, INC.			Complete (if applicable)
Typed or Printed Name	Ross D. Snyder, Reg. No. 37,730		
Signature	D	Date	Deposit Account User ID

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE UNITED STATES PATE.	NI AND IRADEMARK OFFICE
Applicant: Wallace, et al.	Examiner:
Serial No:	Art Group:
Filing Date:	Docket No: 1400.4100353
Title: INTEGRATED METALLIC ACCESS	FOR HIGH PORT DENSITY DSLAM
 	
To the Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231	
CERTIFICATE OF E	EXPRESS MAILING
Express Mail Label No. EL454269825US	Name of Depositor: Terri Alloway (print or type)
Date of Deposit: October 23, 2000	Signature: Ilni Alloway
I hereby certify that this paper and the ite U.S. Postal Service "Express Mail Post Office to 1.10 on the 'Date of Deposit', indicated above, a and Trademarks, Washington, D.C. 20231.	ems identified below are being deposited with the Addresses" service under 37 C.F.R. Section
Items accompanying this Certificate of E Filing papers for a new patent application A specification and drawings for Transmittal cover letter; Assignment agreement with Rec Combined Declaration and Power Statement of Small Entity Status Information Disclosure Statemer Return upon receipt post card;	n, such filing papers include: a new patent application; ordation Form Cover Sheet; or of Attorney;

PATENT APPLICATION DOCKET NO. 1400.4100353

In the United States Patent and Trademark Office

FILING OF A UNITED STATES PATENT APPLICATION

Title:

INTEGRATED METALLIC ACCESS FOR HIGH PORT DENSITY DSLAM

Inventors:

Donovan Wallace	Geoffrey Dickinson
Kanwaljeet Jawanda	Sven A. Seelemann
Robert Gillan	

Attorney of Record Ross D. Snyder, Reg. No. 37,730 115 Wild Basin Road, Suite 107 Austin, Texas 78746 Phone (512) 347-9223 Fax (512) 347-9224

Express Mail Label No. EL454269825US

Date of Deposit: 10-23-2000

I hereby certify that this paper is being deposited with the U.S. Postal Service "Express Mail Post Office to Addresses" service under 37 C.F.R. Section 1.10 on the 'Date of Deposit', indicated above, and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Name of Depositor: Terri Alloway

(print or type)

Signature: Derri alloway

